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**I. Observations of the Comparative, Intensive or Specific Gravities of various Bodies. Made by Mr. J. C.**

<b>P</b> ump-water.	1000	Borax.	1720
Cork.	237	A spotted factitious Mar-	
Sassafras Wood.	482	ble.	1822
Juniper Wood (dry.)	556	A Gally-Pot.	1928
Plum-tree (dry.)	663	Oyster-shell.	2092
Mastic.	849	Murex-shell.	2590
Santalum Citrinum.	809	Lapis manati.	2270
Santalum album.	1041	Selenitis.	2322
Santalum rubrum.	1128	Wood petrefied in <i>Lough-</i>	
Ebony.	1177	<i>Neagh</i> .	2341
Lignum Rhodium.	1125	Onyx stone.	2510
Lignum Asphaltum.	1179	Turcois-stone.	2508
Aloes.	1177	English Agat.	2512
Succinum pellucidum.	1065	Grammatias lapis.	2515
Succinum pingue.	1087	A Cornelian.	2568
Jet.	1238	Corallachates.	2605
The top part of a Rhino-		Talc.	2657
ceros-horn.	1242	Coral.	2689
The top part of an Ox-horn		Hyacinth (spurious.)	2631
	1840	Jasper (spurious.)	2666
The (Blade) bone of an		A pellucid Pibble.	2641
Ox.	1656	Rock Crystal.	2659
An human Calculus.	1240	Cryſtallum Diſdiacſticum	
Another Calculus humanus.			2704
	1433	A red Paſte.	2842
Another Calculus.	1664	Lapis Nephriticus.	2894
Brimſtone, ſuch as com-		Lapis Amiantus from <i>Wales</i>	
monly fold.	1811		2913
			Lapis

Lapis Lazuli.	3054	Wrought Brass.	8280
An Hone.	3288	Hammer'd Brass.	8349
Sardachates.	3598	A false Guinea.	9075
A Granat.	3978	A true Guinea.	18888
A Golden Marcasite.	4589	Sterling Silver.	10535
A blew Slate with shining		A brass Half-Crown.	9468
Particles.	3500	Electrum, a British Coin.	
A mineral stone, yielding			12071
1 part in 160 Metal.	2650	A Gold Coin of <i>Barbary</i> .	
The Metal thence extract-			17548
ed.	8500	A Gold Medal from <i>Mo-</i>	
The (reputed) Silver Ore		<i>rocco</i> .	18420
of <i>Wales</i> .	7464	A <i>Mentz</i> Gold Ducat.	18261
The Metal thence extract-		A Gold Coin of <i>Alexan-</i>	
ed.	11087	<i>ders</i> .	18893
Bismuth.	9859	A Gold Medal of <i>Q. Mary</i> .	
Spelter.	7065		19100
Spelter Soder.	8362	A Gold Medal of <i>Q. Eli-</i>	
Iron of a Key.	7643	<i>zabeth</i> .	19125
Steel.	7852	A Medal esteem'd to be	
Cast Brass.	8100	near fine Gold.	19636

II. *Extracts of some Letters from Mr. John Sturdie of Lancashire concerning Iron Ore; and more particularly of the Hæmatites, wrought into Iron at Milthrop-Forge in that County. Communicated by Dr. Martin Lister, S. R. S.*

*Townley, March 14. 1674.*

S I R,

YOU will receive herewith some of the Cinder you desir'd, as also a little of Iron-stone both burnt and unburnt. They have several sorts of Iron-stone, and  
of